Site Reassessment Report - CADTSC Backlog Project
Project Site Information

CERCLIS Site Name:	**GARDENA VALLEY DUMP NO 4**
CERCLIS ID:	**CAD000568865**
City:	**TORRANCE**

Grant Name and Number:	PA/SI COOPERATIVE AGREEMENT CA DEPARTMENT OF TOXIC SUBSTANCES CONTROL ID #: 00T14601-1 7/1/13 TO 6/30/14
DTSC Liaision:	Gimeno-O'Brien, Alice
DTSC GSB Liaision:	Marcos, Jose
EPA Site Assessment Mgr:	Ramirez, Leslie

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Project Site Information

PART A: Reassessment Decision Documentation

1.1 Core Information

CERCLIS Site Name:	GARDENA VALLEY DUMP NO 4
CERCLIS EPA ID:	CAD000568865
Site Street Address:	833 WEST TORRANCE BLVD
Site City:	TORRANCE
Site County:	Los Angeles
CADTSC Regional Office:	Cypress
Envirostor Site Name:	Gardena Valley #4 Landfill
Envirostor ID:	60001199
Geotracker Site Name:	Alpine Village Texaco-RWQCB is currently involved with gas station contamination located or
Geotracker ID:	T0603778569

1.2 Regulatory and Target Status information

CERCLIS Non-NPL Status:		HRS Start Needed	
SPGIT Quad Priority:			
Pathway of concern:	*Primary*	Groundwater	
	Secondary	Air	
Contaminant of Concern:		Vinyl Chloride	
Other Contaminants:		Tetrachloroethylene	Benzene
		Trichloroethylene	Lead
		Arsenic	
Contaminant Actual or Potential:		Actual	

Project Site Information

1.3 References

A. *Last Site Assessment Document Date and 9100-3 Decision Documen*

Last EPA Assessment Type:	Site Reassessment Report
Year Completed:	04/01/2010
Report Link:	Gardena Valley Dump No. 4 (REVISED SSA 2010 July 23).pdf
SecondaryAssessment Type:	Pre-CERCLIS Screen
Year Completed:	04/01/2006
Report Link:	GARDENA VALLEY DUMP NO 4 - Site screening assessment w-decision memo 200

B. *Relevant Well(s) Histogram*

Histogram Link:

C. *Envirostor Site Summary*

Envirostor Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001199
Attachment:	
Last DTSC Action/Order:	Referenced above in Section A as "Last EPA Assessment". DTSC did 2010 SRA but
Year Completed:	04/01/2010
Action/Order Link:	N/A

D. *Geotracker Site Documents*

Geotracker Link:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603778569
Attachment:	
Last RWQCB Action:	RWQCB is currently involved with gas station contamination (Alpine Village Texaco) t
Year Completed:	11/01/2014
Document Link:	

E. *HWTS data for CoC(s)*

HWTS Link:	None
Attachment:	

F. *Correspondence and contact reports pertaining to decision*

Correspondence Documents:

Site Reassessment Report - CADTSC Backlog Project

Project Data Package

SEMS Site Name:	**GARDENA VALLEY DUMP NO 4**
SEMS ID:	**CAD000568865**
City:	**TORRANCE**

Data Package - Confidential

1. SPGIT Priority

a. Is the site in a SPGIT Priorty Area?	No
(i). If Yes, what is the site's SPGIT Quad Priority Level?	
(ii). If Yes, what is the site's SPGIT Quad Priority Ranking?	
b. Is the site adjacent to a SPGIT Priority Area?	No
(i). If Yes, what are the adjacent SPGIT Priority rankings?	N: E: NE: SE: S: W: NW: SW:

2. Groundwater

a. What is the prevailing groundwater flow direction?	Northeast
b. How many drinking water wells are within a 4 mile radius of the site?	28
(i). What is the distance of the nearest drinking water well (in feet)?	7200
(ii). What is the direction of the nearest drinking water well?	Southeast
c. How many contaminated drinking water wells are within a 4 miles radius?	0
(i). Of the wells within the 4 mile radius, what is the distance of the nearest contaminated well from the site (ft)?	
(ii). What key contaminants are in the nearest impacted drinking water well?	
d. Is the site within a known groundwater contamination plume?	Unknown
(i). What key contaminants are found in the plume?	
e. Are any groundwater contamination plumes within one mile upgradient from the site?	Yes
(i). What key contaminants are found in the upgradient plume?	Benzene, Trichloroethylene, Tetrachloroethylene, Pesticides
f. Are any groundwater contamination plumes within one mile downgradient from the site?	Unknown
(i). What key contaminants are in the downgradient plume?	

3. Soil

a. Is the site centroid within 400' of soil exposure targets (schools, daycare centers, residences, workplaces)?	Yes
b. Is the site centroid within 200' of soil exposure targets(schools, daycare centers, residences, workplaces)?	Yes
(i). What are the soil exposure targets?	Residences
c. Is there an adjacent soil contamination site?	Unknown
(i). What are the key contaminants found in the adjacent sites?	Petroleum Hydrocarbons

4. Sensitive Environments

a. Is the site within one-mile of a downgradient surface water body?	Yes
b. Is the site within one-mile of a downgradient wetlands?	Yes
c. Are any sensitive species known to inhabit the site vicinity?	Yes

5. Nearby Sites

a. Are there RCRA generators with manifest data within one mile of the site that may have potential key contaminants in common with the site?	Yes
(i). What are the suspected key contaminants?	Unknown
b. Are there DTSC cleanup sites within one mile of the site?	Yes
c. Are there active RWQCB sites within one mile of the site?	Yes
d. Are there active USEPA Non-NPL sites within one mile of the site?	Yes
e. Are there active USEPA Superfund Cleanup sites within one mile of the site?	Yes

6. Analysis

The site is outside of any currently designated SPGIT priority area. Groundwater flow direction in the general area is variable due to existing localized pumping for site remedial actions. However, groundwater flow direction is estimated to be towards the northeast/east based on available RWQCB Geotracker information for RWQCB sites in the immediate vicinity. According to DPH data, several drinking water wells are located within 4-miles of the site but none are impacted. The site is in the general vicinity of the Montrose and Del Amo Superfund Sites. According to the DTSC regional office information, groundwater flow at these Superfund sites is towards the south and southeast, making the Gardena Valley Dump No. 4 site downgradient of the superfund sites. No other information was evaluated regarding these Superfund sites. The site is in close proximity to residences and to a USFWS designated wetland and is in a sensitive species area (Coulter's goldfields). Multiple DTSC and RWQCB sites are located within 1-mile of the site.

Attachments

SPGIT Data Package Report	GARDENA VALLEY DUMP NO 4_Public.pdf
Current Site Photo	Site photos.pdf

Site Reassessment Report - CADTSC Backlog Project
Project Triage Recommendations and EPA Decision

SEMS Site Name: **GARDENA VALLEY DUMP NO 4**

CERCLIS ID: **CAD000568865**

City: **TORRANCE**

2.0 Part B: Triage Recommendation - Staff

Initial Triage Recommendation (DTSC):

Gardena Valley Dump No. 4 (site), located at 833 W. Torrance Boulevard, Torrance, California, was a 36-acre unlined landfill that was operated by the Berada Corporation from 1956 to 1966. As a Class II landfill, it accepted industrial wastes and municipal wastes. According to historical records, approximately 334,362 gallons of liquid industrial wastes were disposed of at the site. The former landfill site is one of over a dozen former landfills in the area. The site property is currently occupied by commercial, industrial, and residential properties including, Alpine Village (a restaurant/tourist shop attraction and weekly swap meet location), a Shell gas station, Ponderosa Pines condominium complex, public storage, and a truck rental business. The landowners of the former landfill property include, Alpine Village Inc., Ponderosa Pines Association, Penske Trucking, PPM Investments, and Mehdi Mahdavi, who owns the gas station. There are 96 units of the Ponderosa Pines condominium complex, which are individually owned. The site is across the street, immediately south of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Del Amo Superfund site and less than one mile from the Montrose Superfund site.

As part of the neighboring Del Amo Superfund investigation overseen by the U.S. Environmental Protection Agency (EPA), groundwater monitoring wells were installed on the former landfill site since it is downgradient from the Del Amo site. Groundwater sampling from these wells in 1994 indicated the presence of vinyl chloride at a concentration of 29 ppb, and at 17 ppb at less than 100 feet downgradient of the former landfill site. Vinyl chloride was not detected in upgradient wells at the Del Amo site above the laboratory detection limit of 0.5 ppb. Other contaminants detected from on-site monitoring wells include trichloroethene (TCE), cis-1,2-dichlorothene (DCE), tetrachloroethene (PCE), benzene, chlorobenzene, arsenic, chromium, and cadmium.

Alpine Village and the Ponderosa Pines condominium complex have conducted methane gas monitoring on their properties under the direction of the Los County Department of Public Works. To prevent methane gas migration, a landfill gas migration control subfloor air injection system was installed by the owners at the Alpine Village property. According to the Los Angeles County Solid Waste Local Enforcement Agency, quarterly inspections and methane monitoring are done under the Closed Disposal Sites program, for the State Cal Recycle department. The Regional Water Quality Control Board (RWQCB) is involved with contamination from the gas station on the southern boundary of the site.

The area has regional groundwater contamination (volatile organic constituents) from the many former landfills and numerous active and former industrial facilities. However, the deeper drinking water aquifers in this area are not impacted. The site is divided into two portions by a concrete-lined storm water runoff channel known as the Torrance Lateral Drainage Channel. According to Department of Public Health data, several drinking water wells are located within 4-miles of the site but none are impacted.

Public risk from landfill gas methane appears under control at the Gardena Valley Dump No. 4 site. Limited on-site groundwater data indicate a release of vinyl chloride from the site. Further investigation of the site is needed. Refer the site to the State Department of Toxic Substances Control (DTSC)/RWQCB for continued monitoring of the numerous potential, uncontrolled groundwater contaminant sources and potential landfill gas issues from the numerous former landfills and active/former industrial facilities in this region. Based on the analysis of available information regarding the site, DTSC recommends no further Federal assessment under CERCLA.

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Project Triage Recommendations and EPA Decision

Date of Initial Triage Decision: 01/14/2014

Date Submitted to EPA: 01/22/2014

Final Triage Recommendation (EPA):

3.0 Part C: EPA Decision

CERCLIS Non-NPL Status Change NFRAP

Date of Final Triage Decision: 10/01/2014

EPA Site Assessment Manager Concurrence

EPA Site Assessment Manager Date 10/01/2014